

## Message Text

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ORIGIN NASA-02

INFO OCT-01 EUR-12 ISO-00 OES-06 NSF-02 INT-05 COME-00  
CG-00 DOTE-00 /028 R

DRAFTED BY NASA/I/BGGARNER:SS  
APPROVED BY OES/APT/SA:RBEDDINGTON  
NASA/ER/BTNOLAN  
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EUR/NE:CWSCHALLER  
EUR/CAN:KKJONIETZ  
OES/APT/BMP:TSELLIN

-----102011Z 111493 /43

P 101740Z MAR 77  
FM SECSTATE WASHDC  
TO AMEMBASSY OTTAWA PRIORITY  
AMEMBASSY COPENHAGEN PRIORITY  
INFO AMEMBASSY PARIS PRIORITY  
THULE AB GREENLAND PRIORITY  
SONDRESTROM AB GREENLAND PRIORITY

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PARIS: PASS NASA REPRESENTATIVE

E.O. 11652: N/A

TAGS: TSPA, GL, XQ, DA

SUBJECT: REQUEST FOR NASA AIRCRAFT CLEARANCE

1. AS PART OF CONTINUING NASA ARCTIC EXPERIMENT PROGRAM  
NASA PLANS DEPLOYMENT OF CV-990 AIRCRAFT TO GREENLAND  
EARLY APRIL TO CONDUCT POLAR SNOW AND ICE STUDIES. REMOTE  
SENSING OBSERVATIONS OF SEA SURFACE CONDITIONS, ICEFIELDS  
AND CONTINENTAL ICE SHELF OVER GREENLAND WILL ASSIST IN  
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VERIFYING SCANNING MULTISPECTRAL MICROWAVE RADIOMETER  
(SMMR) SYSTEM FOR NASA NIMBUS SATELLITE SCHEDULED FOR  
LAUNCHING IN 1978. OBSERVATIONS WILL BE MADE WITH MICRO-  
WAVE, RADAR AND INFRARED SENSORS. GREENLAND ICE SHELF  
EXPERIMENT TO BE CONDUCTED IN COOPERATION WITH PROFESSOR  
PREBEN GUDMANSEN OF TECHNICAL UNIVERSITY OF DENMARK.  
PARTICIPATION OF PROFESSOR GUDMANSEN AS MEMBER NIMBUS

EXPERIMENTER TEAM IS UNDER COOPERATIVE AGREEMENT BETWEEN NASA AND DANISH SPACE RESEARCH INSTITUTE.

2. NASA AND DEPARTMENT AWARE OF DANISH GOVERNMENT REQUIREMENT FOR TIMELY PRESENTATIONS WELL IN ADVANCE OF ALL U.S. PROPOSALS FOR SCIENTIFIC PROJECTS IN GREENLAND. DISCUSSION

OF THIS PRESENT DEPLOYMENT HAS BEEN UNDER WAY FOR SOME TIME BUT SCHEDULE CONFLICTS WITH THE AIRCRAFT MADE IT IMPOSSIBLE TO FINALIZE SCHEDULE AND REQUEST CLEARANCE AT EARLIER TIME. AS AN EXPERIMENTER CONNECTED WITH THIS PROJECT PROFESSOR GUDMANSEN HAS BEEN AWARE OF THE PROBLEMS INVOLVED IN SCHEDULING THIS MISSION. WE UNDERSTAND THAT DURING RECENT MEETING OF THE NIMBUS EXPERIMENT TEAM HE VOLUNTEERED ON HIS OWN BEHALF TO APPROACH THE DANISH COMMISSION FOR SCIENTIFIC INVESTIGATIONS IN GREENLAND IN AN ATTEMPT TO OBTAIN PERMISSION FOR FLIGHT. ACCORDING TO LETTER RECEIVED AT NASA FROM GUDMANSEN, THE COMMISSION'S SECRETARIAT INFORMED HIM BY TELEPHONE THAT PERMISSION WOULD BE FORTHCOMING FOLLOWING COORDINATION WITH AIR MINISTRY AND MINISTRY OF FOREIGN AFFAIRS. WE FURTHER UNDERSTAND FROM RECENT GUDMANSEN CABLE, CLEARANCE WAS DELIVERED TO U.S. EMBASSY MARCH 1.

3. AIRCRAFT IS NASA-OWNED AND OPERATED CV-990; REGISTRATION NUMBER N712; CALL SIGN NASA 712.

4. AIRCRAFT WOULD DEPART ANCHORAGE, ALASKA APRIL 1, 1977 FOR THULE AB GREENLAND, CONDUCT 2 FLIGHTS FROM THULE APRIL UNCLASSIFIED

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3 AND 4 AND RETURN TO U.S. ON APRIL 5.

5. FLIGHTS TO AND FROM GREENLAND WILL TRANSIT CANADIAN TERRITORY AND WILL TAKE DATA OVER CANADA ENROUTE.

6. WEATHER AND EMERGENCY ALTERNATE BASES ARE SONDRESTROM AB, GREENLAND AND FROBISHER AB, CANADA.

7. ALTITUDE FOR DATA FLIGHTS WILL BE FROM 5,000 TO 41,000 FEET.

8. PILOT WILL FILE INTERNATIONAL FLIGHT PLANS.

9. WHILE AT THULE, REPRESENTATIVES OF DANISH GOVERNMENT AND SCIENTIFIC COMMUNITY INVITED TO VISIT AIRCRAFT TO DISCUSS OBSERVATION PROGRAM WITH MISSION STAFF AND EXPERIMENTERS.

10. APPROXIMATELY 34 CIVILIAN PERSONNEL WILL ACCOMPANY

AIRCRAFT DURING MISSION PERIOD. ALL U.S. CITIZENS  
EXCEPT DANISH INVESTIGATOR GUDMANSEN CANADIAN NATIONAL  
RAMSIER PRESENTLY WORKING AT JPL, AND GEHARD SCHAERER,  
SWISS NATIONAL WORKING AT GSFC.

11. ARRANGEMENTS FOR USE OF THULE BEING COORDINATED  
THROUGH NASA/AMES AFSC LIAISON OFFICE.

12. FOR OTTAWA: PLEASE OBTAIN OVERFLIGHT CLEARANCE.  
NASA INFORMED THAT DR. ROGER STACEY, CANADIAN DEPARTMENT  
OF ENVIRONMENT (613 - 593-6670) IS AWARE OF MISSION AND  
PREPARED TO ASSIST IN OBTAINING CLEARANCES.

13. FOR COPENHAGEN: PLEASE OBTAIN/CONFIRM NECESSARY  
CLEARANCES AND ADVISE.

14. PLEASE COPY NASA HEADQUARTERS AND NASA AMES AS  
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INFO ADDRESSEES ON REPLIES.  
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## Message Attributes

**Automatic Decaptioning:** X  
**Capture Date:** 01-Jan-1994 12:00:00 am  
**Channel Indicators:** n/a  
**Current Classification:** UNCLASSIFIED  
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**Office:** ORIGIN NASA  
**Original Classification:** UNCLASSIFIED  
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**Status:** NATIVE  
**Subject:** REQUEST FOR NASA AIRCRAFT CLEARANCE  
**TAGS:** TSPA, GL, XQ, DA, NASA  
**To:** OTTAWA COPENHAGEN  
**Type:** TE  
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**Review Markings:**  
Margaret P. Grafeld  
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